

Medical Intelligence In Health Service Support Operations



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Agenda

- **MEDICAL INTELLIGENCE DEFINED**
- **PURPOSE OF MEDICAL INTELLIGENCE**
- **APPLICATIONS OF MEDICAL INTELLIGENCE**
- **SIGNIFICANCE OF MEDINT TO THE COMMANDER**
- **ASPECTS OF MEDICAL INTELLIGENCE**
- **PLANNING CONSIDERATIONS**
- **AFMIC**
- **“SO YOU WANNA BE A MEDICAL SPOOK??”**
- **SUMMARY and Q&A**

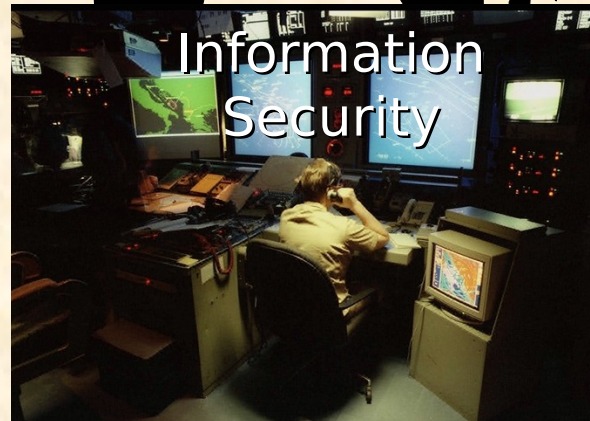
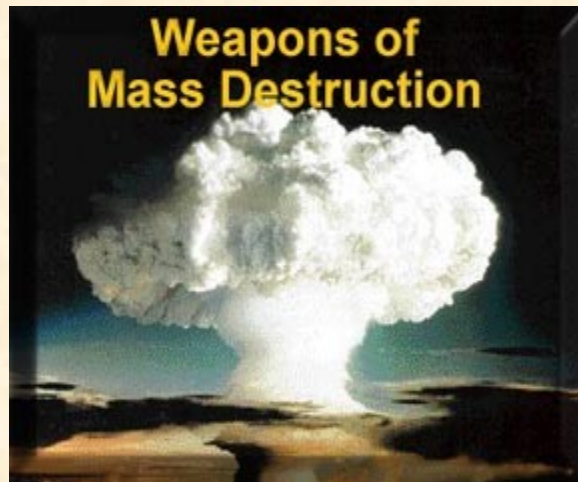


**“The challenges the
Nation faces do not loom
in the distant future but
are here**



21st Century Environment

The Future Is Now!



Medical Intelligence in Health Service Support Operations

Medical Intelligence Defined:

“That category of intelligence resulting from the Collection, evaluation, analysis, and interpretation of Foreign medical, bio-scientific, and environmental Information that is of interest to strategic planning And to military medical planning and operations”

Gratuitous “cool pictures” slide...



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Purpose of Medical Intelligence -

MEDINT is intended to HSS Ops/Planning Staffs with

- Guidance for understanding, acquiring, utilizing and applying intelligence in HSS operations**
- Essential information necessary to formulate strategic, operational, and tactical plans**

Even more “cool
pictures...”



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Applications of MEDINT:

- **HSS Operations**
- **Medical Threat Analysis and Management**
- **Threat-based Concept Development**
- **Medical Research and Doctrine Development**

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Significance of MEDINT to the Commander -

- **Preventing/reducing DNBI casualties through the foreknowledge of militarily significant diseases, poisonous and venomous flora and fauna, and health-threatening environmental conditions**
- **Reducing the severity of battle casualties by means through the foreknowledge of enemy weapons capabilities, employment doctrine, and wounding characteristics**

Army “cool pictures”



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Significance of MEDINT to the Commander - (Cont.)

- **Decreasing the total number of WIA and KIA through medical means by using threat-based concept development**
- **Increasing successful return to duty of personnel**
- **Improving existing medical support systems and RDT&E of new medical and human factors engineering systems tailored to existing and future threats**
- **Improving casualty modeling and projections**

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Aspects of Medical Intelligence -

- 1) Endemic or epidemic diseases, public health standards and capabilities, and the quality and availability of health services**
- 2) Medical supplies, medical services, medical treatment facilities, and the number of trained personnel**
- 3) Location-specific diseases, strains of bacteria, insects, harmful vegetation, snakes, fungi, spores, and other harmful organisms**

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Aspects of Medical Intelligence – (Cont.'d)

- 4) Foreign animal and plant diseases, especially the diseases transmissible to humans**
- 5) Health problems relating to the use of local food supplies**
- 6) Medical effects of and prophylaxis against chemical and biological agents and radiation**
- 7) The impact of newly developed foreign weapons systems as they relate to casualty production**

Navy “cool pictures...”



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Aspects of Medical Intelligence – (Cont.'d)

- 8) An enemy force related to its state of health and fitness or its use of special antidotes**
- 9) Environmental factors in an area of operations such as altitude, heat, cold, and swamps that in some way may affect the health of the command or HSS operations**

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Planning Considerations -

- **Terrain Analysis**
- **Weather Analysis**
- **Threat Evaluation (EOB, Weapons Capabilities, etc.)**
- **Civilian Population and Enemy Prisoners of War**
- **Flora and Fauna**
- **Disease Threats**
- **Availability of Local Resources (e.g., Medical Facilities)**
- **NBC/Asymmetrical Threats**

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The Source of all things good on MEDINT??

The Armed Forces Medical Intelligence Center (AFMIC)

- **The Defense Intelligence Agency's (DIA) central repository of medically-related intelligence**
- **Joint Agency located at Fort Detrick, MD**
- **24-hour service supporting all DoD Agencies (and many non-DoD entities within the U.S. gov seeking information on medical concerns)**

Air Force “cool pictures...”



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AFMIC Products -

- **Medical Capabilities Studies - Finished intelligence studies prepared on foreign countries**
 - **Environmental Health Factors**
 - **Diseases**
 - **Civilian Health Services**
 - **Military Health Services**
- **Disease Occurrence World Wide (DOWW)**
- **Scientific and Technical Intelligence Studies**

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AFMIC Products - (Cont.'d)

- Medical Facilities World Wide
- Information on Asymmetrical Threats
- Products by region, CINC, or subject

Leveraging Web-based Technology -

Main Portal into AFMIC is their Website...

Now what's the future
Governor of California
doing in a MEDCO ?



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Contacting AFMIC

- **Unclassified Web Site:**
<http://mic.afmic.detrick.army.mil>
- **SECRET (GCCS) Web Site:**
<http://www.dia.smil.mil/intel/afmic/afmic.html>
- **SCI (JWICS) Web Site:**
<http://www.dia.ic.gov/intel/afmic/afmic.html>
- **DSN 343-7574, COMM (301) 619-7574**

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“So You Want to Be a Medical Spook??”

Careful....!!

**Big, HUGE difference between “Directed Collections”
And “Passive Collections”**

**By law, only specific sections of the “National Intelligence
Community” may conduct “Directed Collections” of
Intelligence Material**

But the MEDIC’s can do plenty of “Passive Collections”

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Summary

- **Medical Intelligence is critical to the HSS Planning**
- **HSS Planning is critical to the success of an operation**
 - **Adequate HSS = Force Sustainment = Successful Achievement of National Security Objectives**
- **Be sure to cover all the bases; failure to conduct MEDINT assessments may lead to critical mission failures**
- **MEDINT has to be assessed prior to building executable plans**
- **We're all collectors; understand your role, operational requirements, and obtain "information" for DIA Database**
- **Exercise caution with "Directed Collection" when functioning in the operational environment**

Questions??

